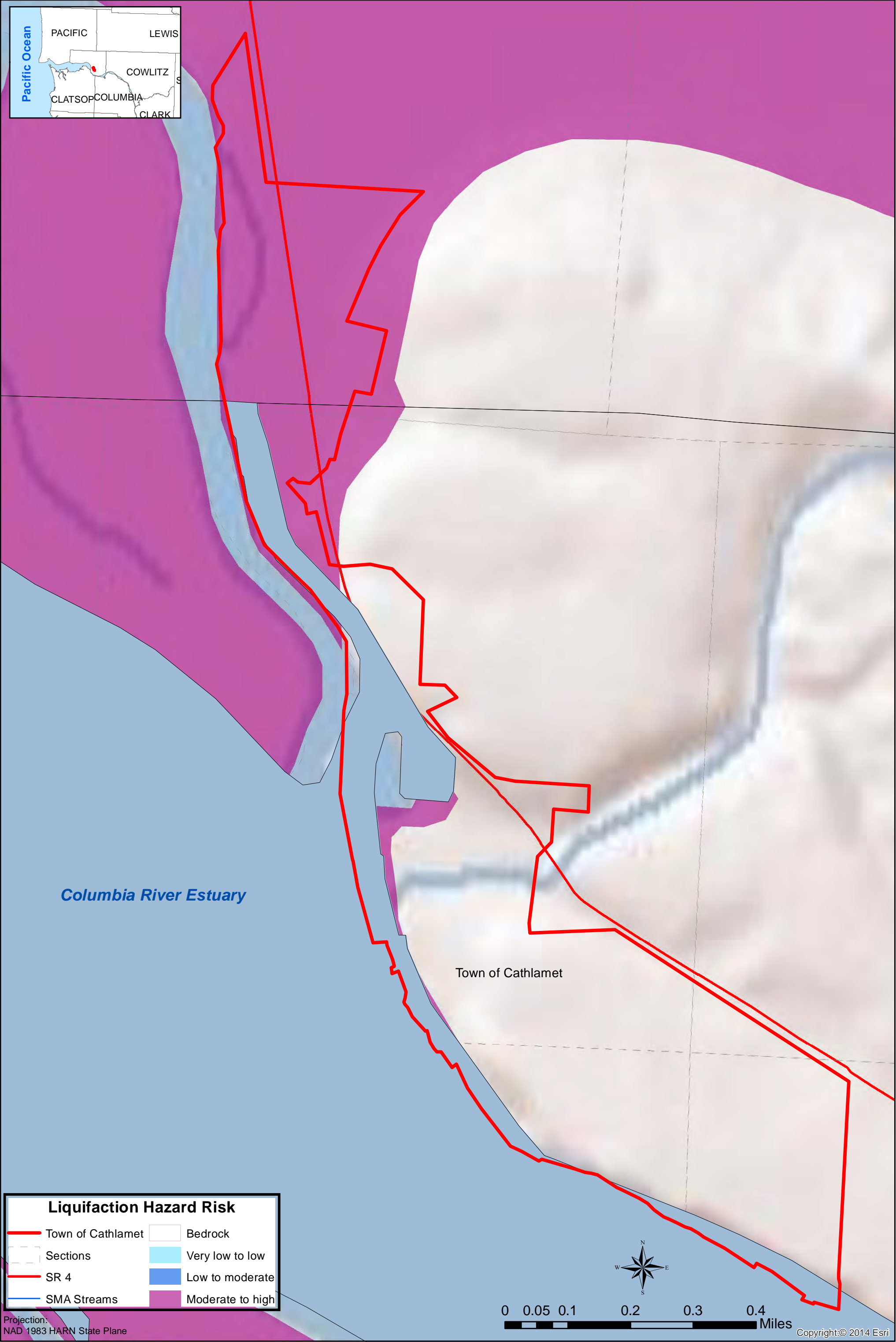


Data Source:
Liquefaction Hazard Risk, WA DNR
Suggested SMA Streams, Ecology 2012

Wahkiakum & Cathlamet SMP Update (Map 21): Liquefaction Hazard Risk



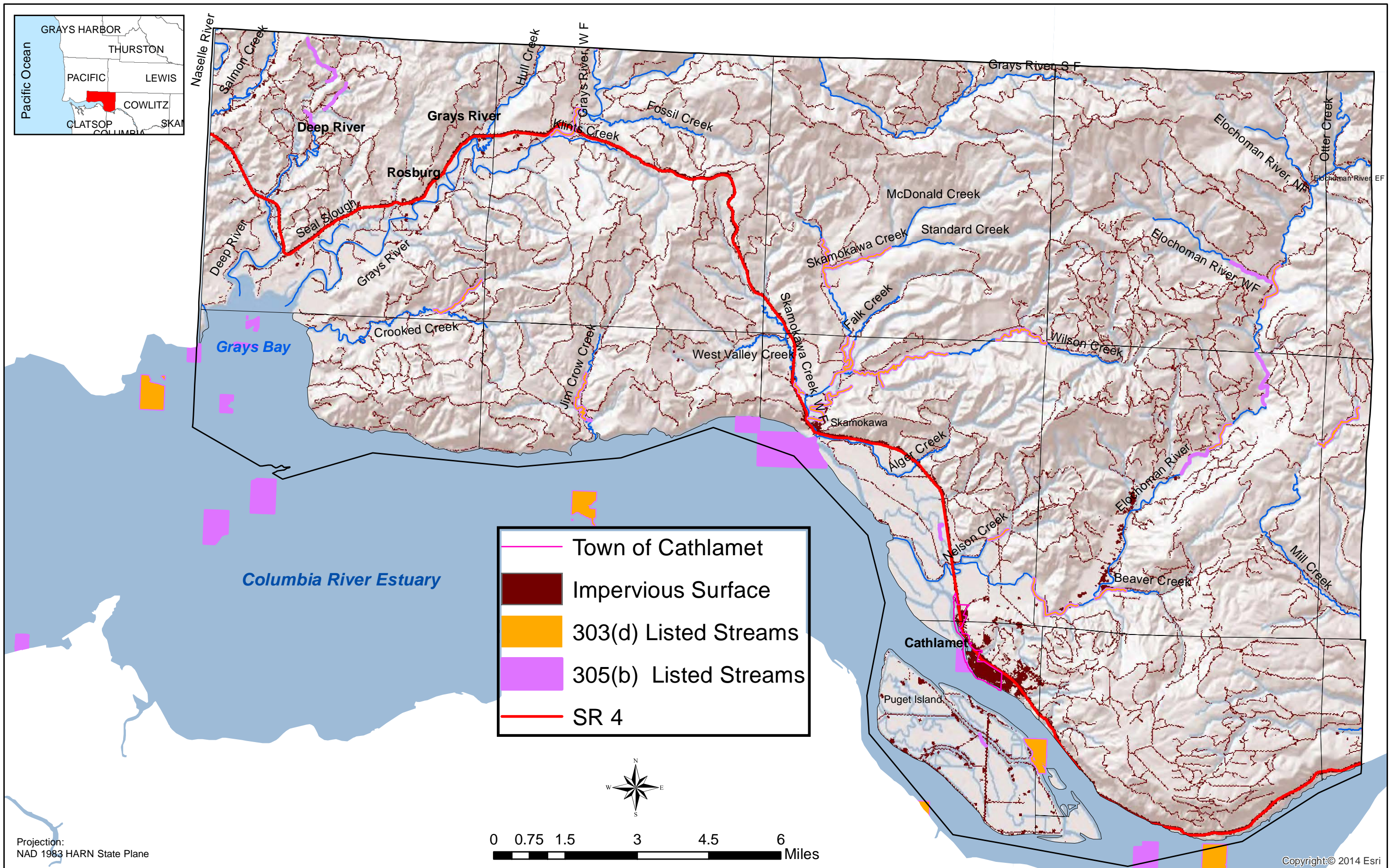


Data Source:
Liquefaction Hazard Risk, WA DNR
Suggested SMA Streams, Ecology 2012

Wahkiakum & Cathlamet SMP Update (Map 22): Liquefaction Hazard

December 2014

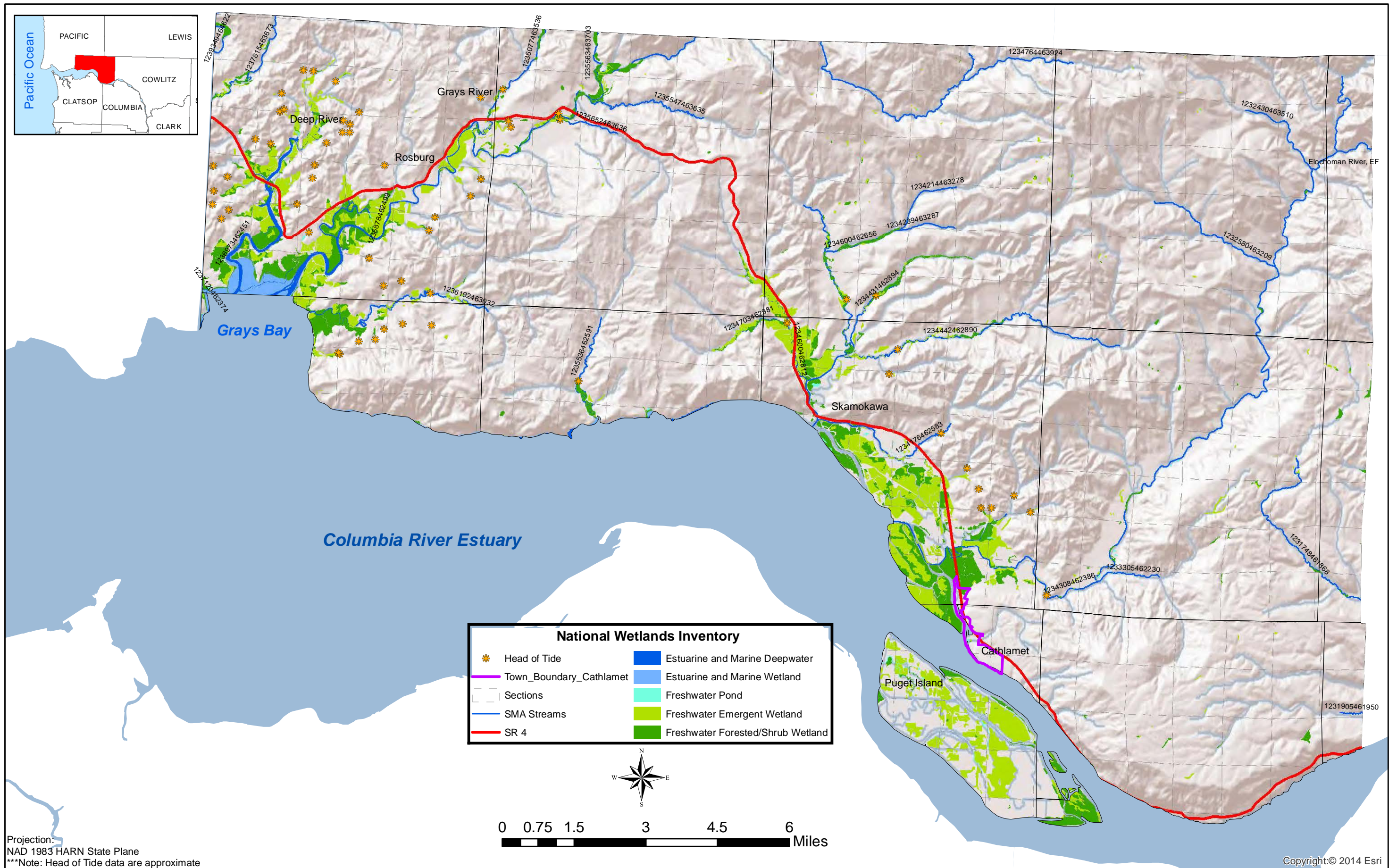




Data Source:
303 (d) Streams, WA DEQ 2012
Impervious Surface: NOAA CCAP 2011
Roads, Wahkiakum County

Wahkiakum & Cathlamet SMP Update (Map 23): Water Quality





Data Source:
NWI, USFWS 2013
Head of Tide, developed from LCEP land cover data.
SMA Streams, Ecology 2012
Roads, Wahkiakum County

Wahkiakum & Cathlamet SMP Update (Map 24): Wetlands



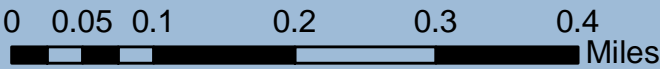


Columbia River Estuary

Cathlamet

National Wetlands Inventory

Head of Tide	Estuarine and Marine Deepwater
SR 4	Estuarine and Marine Wetland
SMA Streams	Freshwater Pond
Town_Boundary_Cathlamet	Freshwater Emergent Wetland
Sections	Freshwater Forested/Shrub Wetland
Sewer Lagoon	



Projection:
NAD 1983 HARN State Plane
**Note: Head of Tide data are approximate.

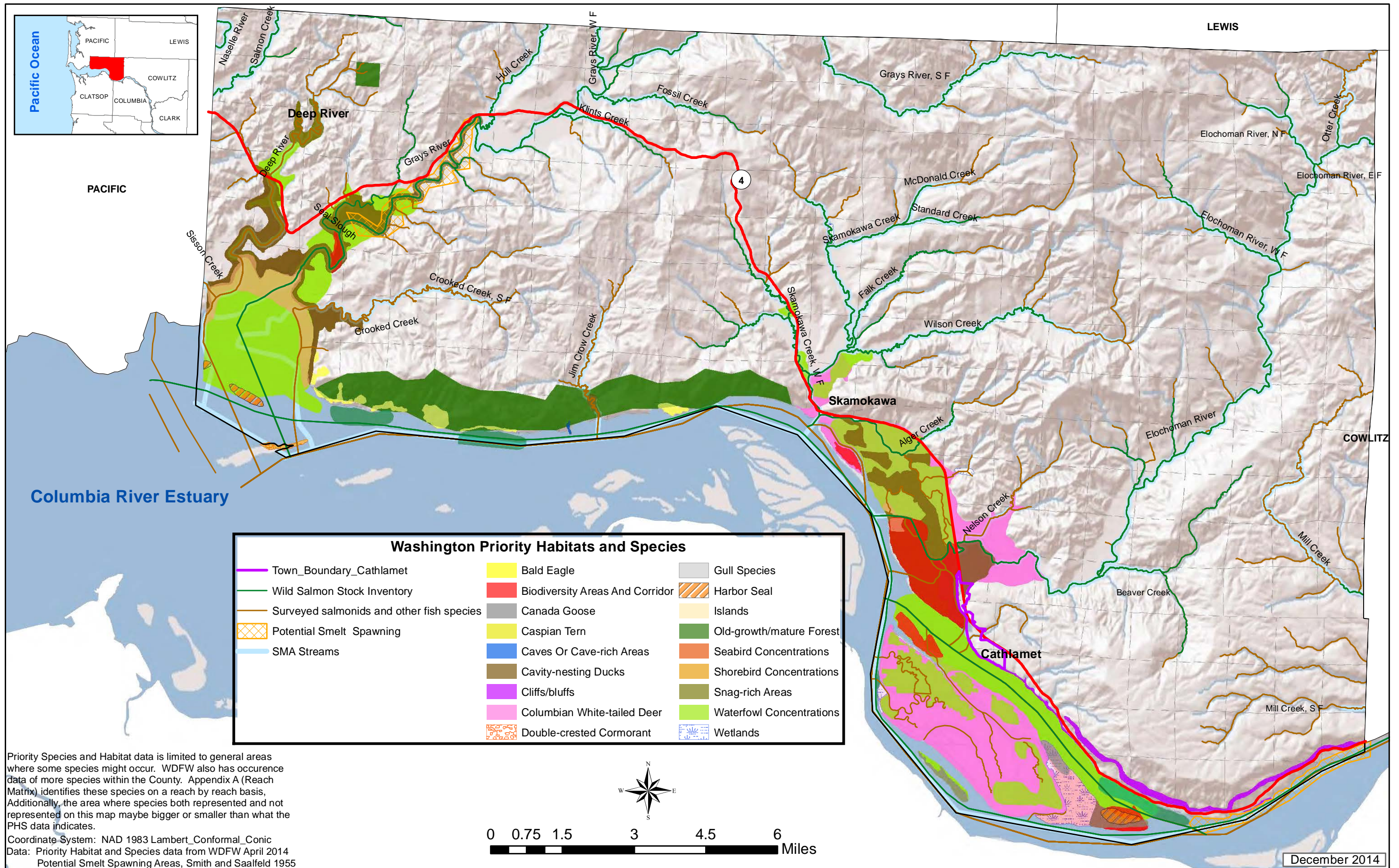
Copyright© 2013 ESRI, i-cubed, GeoEye

Data Source:
NWI, USFWS 2013
Head of Tide, developed from LCEP land cover data.
SMA Streams, Ecology 2012
Roads, Wahkiakum County

Wahkiakum & Cathlamet SMP Update (Map 25): Wetlands



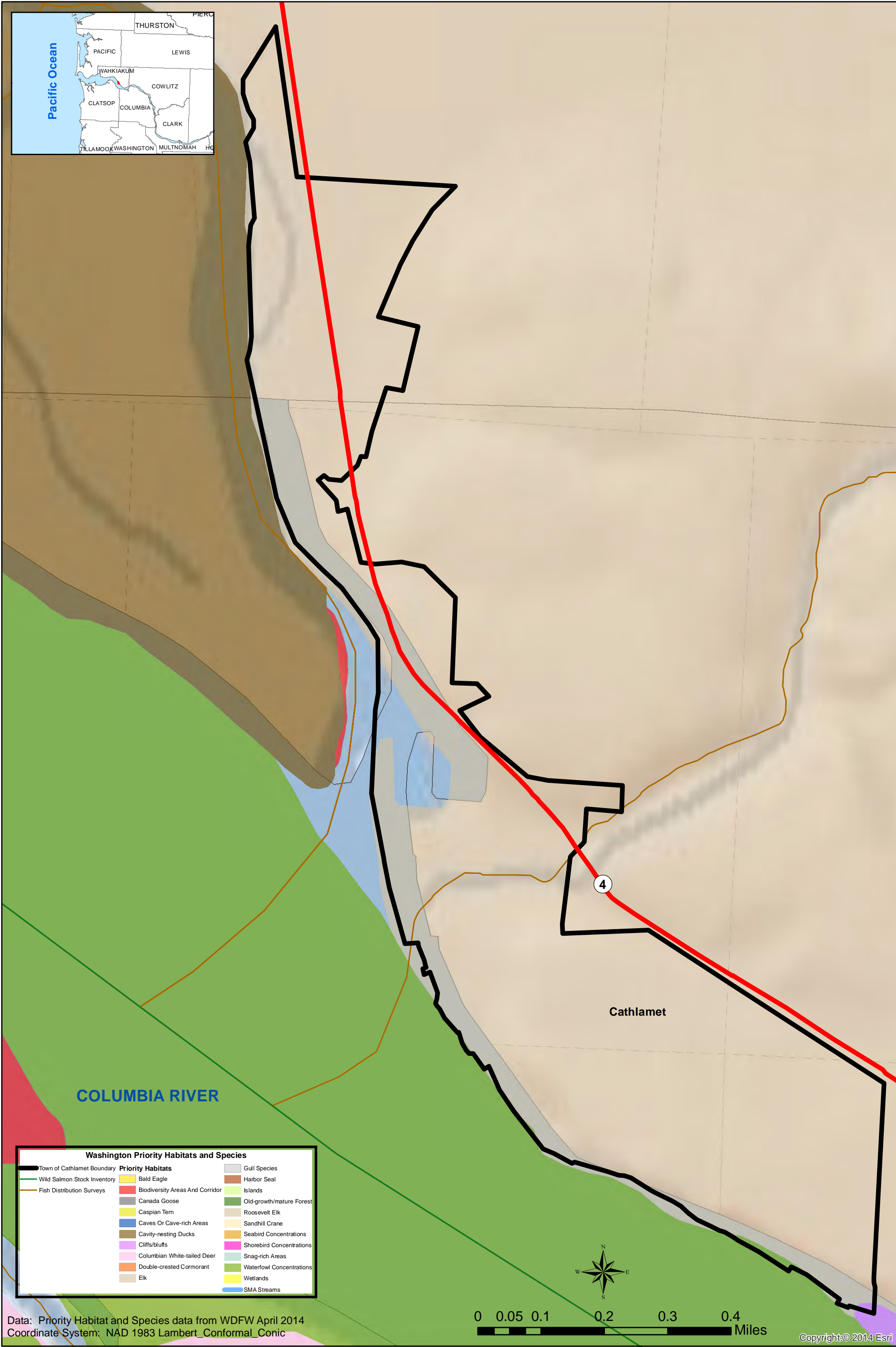
December 2014



Note: Salmonid and sturgeon data are mapped in more detail per use type in successive maps. Species occurrence data omitted from map but identified by reach in APPENDIX A. Priority wetland habitats is largely capture by NWI data in Maps 26 and 27.

Wahkiakum & Cathlamet SMP Update (Map 26): Priority Habitats and Species





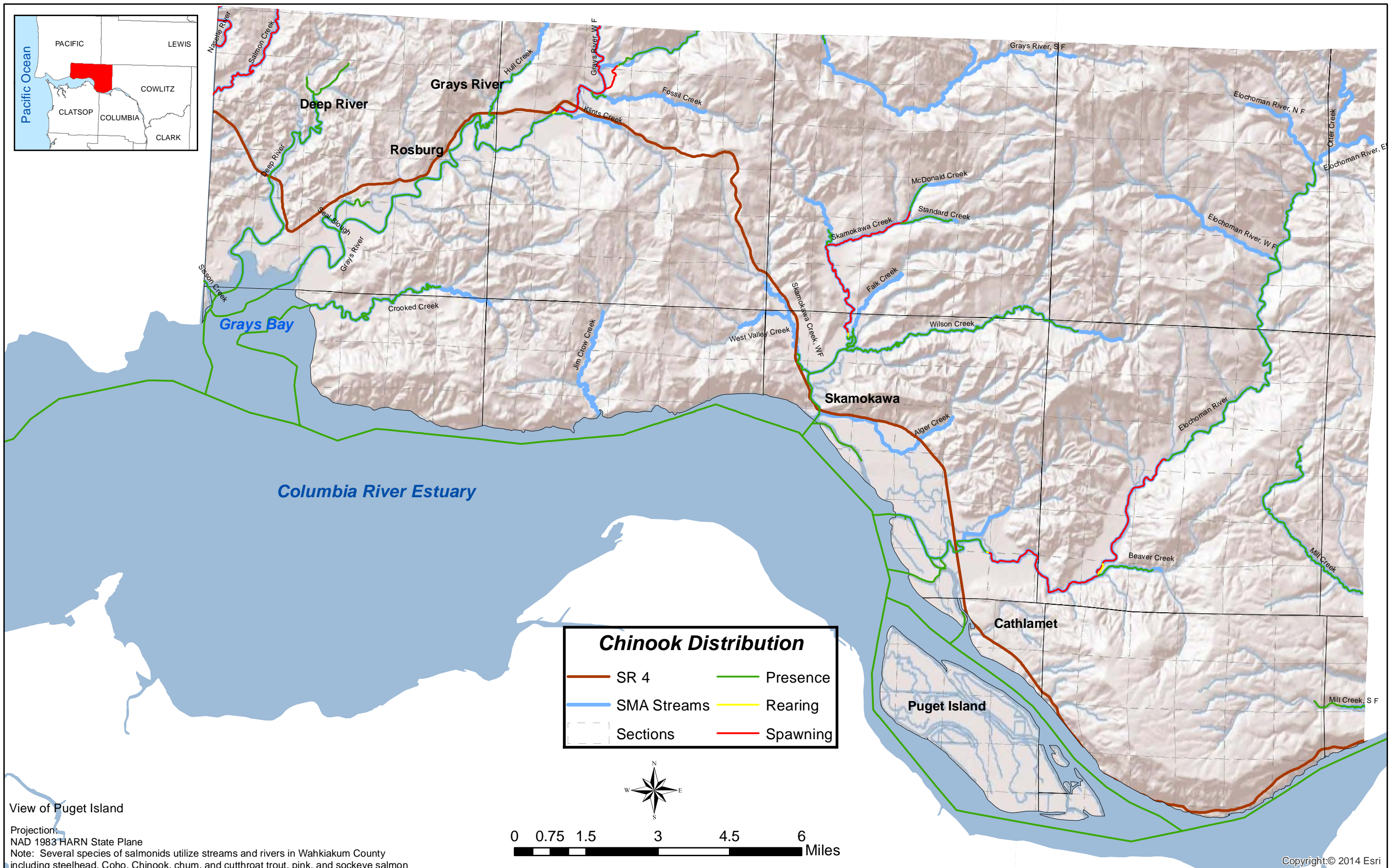
Data: Priority Habitat and Species data from WDFW April 2014
Coordinate System: NAD 1983 Lambert_Conformal_Conic

Copyright:© 2014 Esri
December 2014

Note: Salmonid and sturgeon data are mapped in more detail per use type in successive maps. Species occurrence data omitted from map but identified by reach in APPENDIX A. Priority wetland habitats is largely captured by NWI data in Maps 26 and 27.

Town of Cathlamet SMP Update (Map 27): Priority Habitats and Species

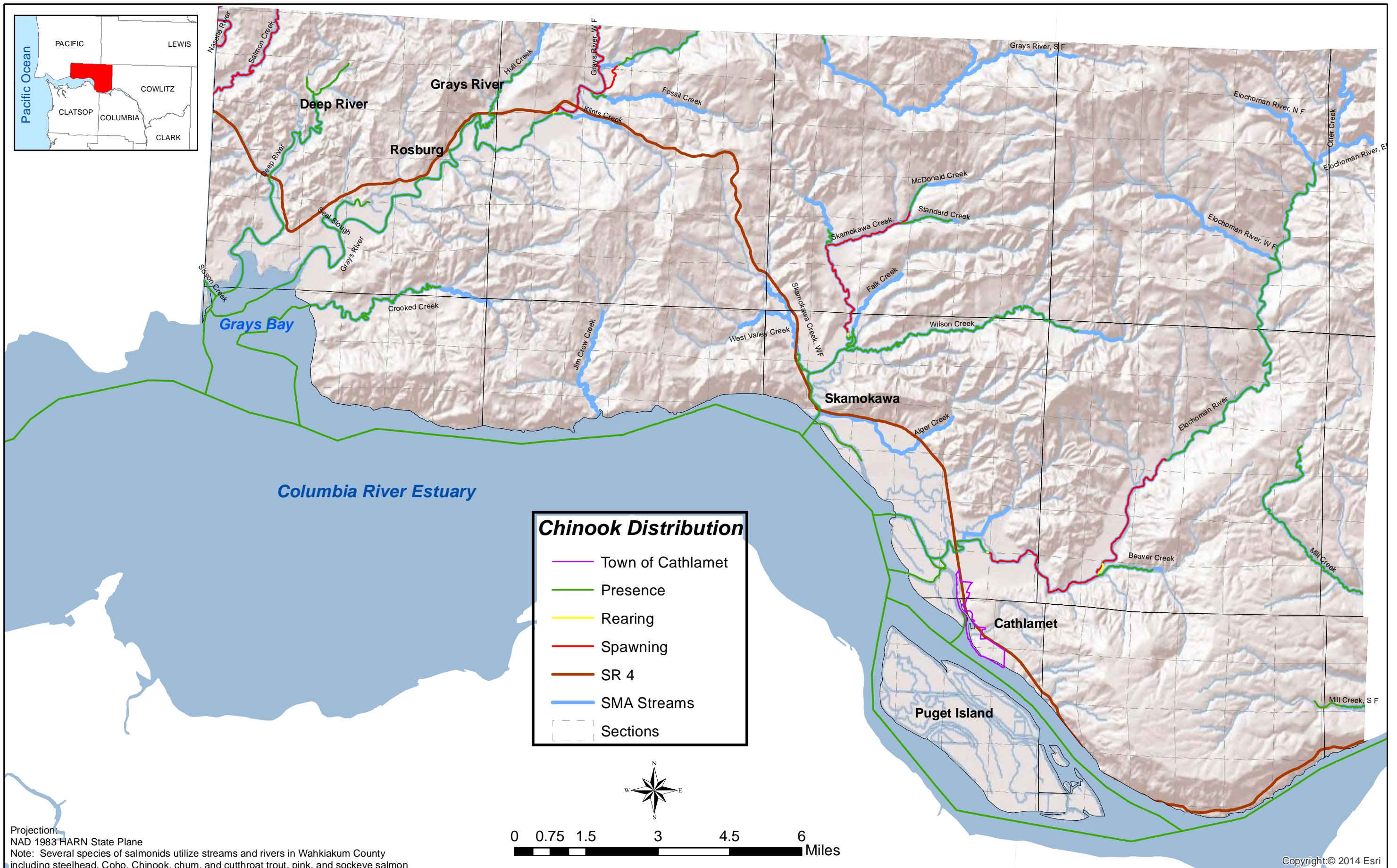




Date Source:
 World Shade Relief, ESRI 2013
 SWIFD, WDFW 2014

Wahkiakum-Cathlamet SMP Update (Map 28): Chinook (*Oncorhynchus tshawytscha*) Distribution

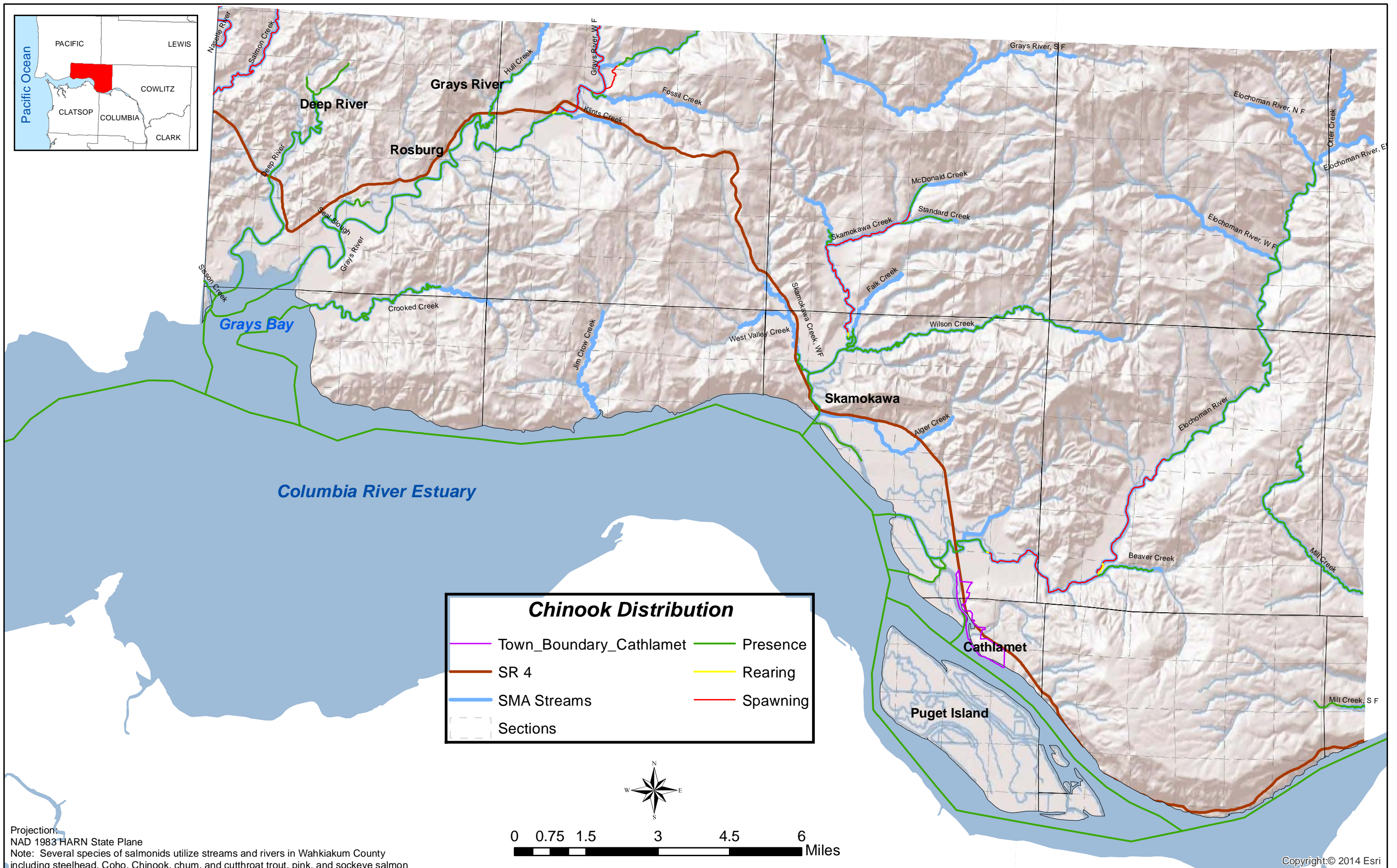




Date Source:
 World Shade Relief, ESRI 2013
 SWIFD, WDFW 2014

Wahkiakum-Cathlamet SMP Update (Map 29): Chinook (*Oncorhynchus tshawytscha*) Distribution





Date Source:
 World Shade Relief, ESRI 2013
 SWIFD, WDFW 2014

Wahkiakum-Cathlamet SMP Update (Map 30): Fall Chinook (*Oncorhynchus tshawytscha*) Distribution

